



# FOILMET® RR PE SEALANT

## HIGH BARRIER METALLIZED POLYETHYLENE FILM

### Developmental Data Sheet (Metric)

Metallized one side, Low COF and High Seal strength on other side

- ◆ Excellent oxygen and moisture barrier
- ◆ Low SIT and excellent Heat Seal Strength
- ◆ Recycling ready film for All-PE laminations

Properties		Typical Value		Units	Test Method
Thickness		38	50	µm	
Yield		27,6	20,7	m <sup>2</sup> /kg	
Tensile Strength (Break)	MD	26,4		N/mm <sup>2</sup>	ASTM D882
	TD	23,0			
Secant Modulus (1%)	MD	685,0		N/mm <sup>2</sup>	ASTM D882
	TD	755,0			
Elongation	MD	875,0		%	ASTM D882
	TD	900,0			
Elmendorf Tear	MD	100	130	g	ASTM D-1922
	TD	40	50		
Dart Impact		45	60	g	ASTM D-1709 (method A)
Optical Density		2,5			CMP OD-1
Light Transmission		< 1,0		%	
WVTR		1,1	0,8	g/m <sup>2</sup> /24 hr	ASTM F-1249 (37,8°C, 90% RH)
OTR		1,2	0,9	cc/m <sup>2</sup> /24 hr	ASTM D-3985 (23°C, 50% RH)
Metal Adhesion		14,0		N/25mm	CMP MA-1

This film is in compliance with the regulation FDA 21 CFR 177.1520. Polyethylene surface is approved for direct food contact.

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